

## I claim:

1. A blank for a box having a unique cover-  
locking structure, said blank being of foldable  
5 material cut and scored to define:

a bottom panel,

10 a rear wall attached to said bottom  
panel,

a front wall structure opposing said  
rear wall and comprising a front wall attached to  
said bottom panel,

15 a side wall structure comprising a side  
wall panel attached to said bottom panel, a corner  
panel attached to a front end of said side wall  
panel and having a front end edge and a bottom edge,  
20 and a connector panel attached to the bottom edge of  
said corner panel, and

a cover comprising a cover panel  
attached to said rear wall and a cover front flap  
25 opposing said rear wall and attached to a front edge  
of said cover panel;

wherein said corner panel has a tab-like  
projection at the front end edge and said cover has  
30 a tab engaging means, whereby after said blank has  
been erected into a box said tab-like projection is  
engaged with said tab engaging means and thereby  
acts to hold said cover in a closed disposition.

2. The blank of claim 1 wherein:

5                   said front wall structure further  
comprises an end flap attached to an end of said  
front wall and to said connector panel.

3. The blank of claim 1 wherein:

10                   said front wall has a predetermined  
height and said cover front flap has a predetermined  
height and the predetermined height of said cover  
front flap is substantially less than the  
predetermined height of said front wall.

15                   4. The blank of claim 1 wherein:

                  said front wall has a top edge free of  
attachment.

20                   5. A box having a unique cover-locking  
structure, said box comprising:

                  a bottom panel,

25                   a rear wall,

                  a front wall structure opposing said  
rear wall and comprising a front wall,

30                   a side wall structure comprising a side  
wall panel, a corner panel attached to a front end  
of said side wall panel and having a front end edge  
and a bottom edge, and a connector panel attached to  
the bottom edge of said corner panel, and

5 a cover comprising a cover panel  
attached to said rear wall and a cover front flap  
opposing said rear wall and attached to a front edge  
of said cover panel;

10 wherein said corner panel has a tab-like  
projection at the front end edge and said cover has  
a tab engaging means and said tab-like projection is  
engaged with said tab engaging means, whereby the  
engagement of said tab-like projection with said tab  
engaging means acts to hold said cover in a closed  
disposition.

15 6. The box of claim 5 wherein:

said front wall structure further  
comprises an end flap attached to an end of said  
front wall and to said connector panel.

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7. The box of claim 5 wherein:

25 said front wall has a predetermined  
height and said cover front flap has a predetermined  
height and the predetermined height of said cover  
front flap is substantially less than the  
predetermined height of said front wall.

30 8. The box of claim 5 wherein:

said front wall has a top edge free of  
attachment.

9. A box having a unique cover-locking structure, said box comprising:

a bottom panel,

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a rear wall,

a front wall structure opposing said rear wall and comprising a front wall,

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a side wall structure comprising at least one panel, and

a cover comprising a cover panel attached to said rear wall;

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wherein said side wall structure has a tab-like projection at a front end edge of said at least one panel, said tab-like projection being disposed coplanar to said at least one panel, and said cover has a tab engaging means, said tab-like projection being engaged with said tab engaging means, whereby the engagement of said tab-like projection with said tab engaging means acts to hold said cover in a closed disposition.

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10. First and second box blanks formed from a single sheet of foldable material and disposed side-by-side, each of the blanks being cut and scored to define:

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a bottom panel,

a rear wall attached to said bottom panel,

5           opposing left and right side wall  
structures comprising respective left and right side  
wall panels attached to said bottom panel at  
respective left and right side wall fold lines and  
each having a free rear end, a top edge, and a  
predetermined maximum height, respective left and  
10       right corner panels attached to a front end of said  
left and right side wall panels and each having a  
front end edge, and respective left and right  
connector panels attached to a bottom edge of said  
left and right corner panels,

15           a front wall structure opposing said  
rear wall and comprising a front wall attached to  
said bottom panel at a front wall fold line, and

20           a cover comprising a cover panel  
attached to said rear wall, a cover front flap  
attached to a front edge of said cover panel, and  
opposing left and right cover side flap structures  
comprising respective left and right cover side  
25       flaps attached to said cover panel at respective  
left and right cover side flap fold lines and each  
having a lower edge and a predetermined minimum  
height and respective free-swinging left and right  
corner flaps attached to a rear end of said left and  
30       right cover side flaps at respective left and right  
corner flap fold lines and each having a lower edge,  
wherein the predetermined minimum height of each of  
said left and right cover side flaps is  
substantially less than the predetermined maximum

height of said left and right side wall panels and at least a portion of the lower edge of said left and right corner flaps is disposed in non-alignment to a substantial portion of the lower edge of said  
5 left and right cover side flaps, respectively;

said first and second blanks being oriented at one hundred eighty degrees from each other and with the top edge of one of the side wall  
10 panels of the first blank disposed adjacent the lower edge of one of the cover side flaps of the second blank.

11. The first and second box blanks of claim  
15 10 wherein:

at least a portion of said top edge of one of the side wall panels is disposed non-parallel to the side wall fold line of the side wall panel.  
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12. The first and second box blanks of claim  
10 wherein:

at least a portion of said lower edge of one of the cover side flaps is disposed non-parallel to the cover side flap fold line of the cover side flap.  
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13. The first and second box blanks of claim  
30 10 wherein:

said top edge of one of the side wall panels comprises a plurality of top edge portions

and said lower edge of one of the cover side flaps comprises a plurality of lower edge portions.

5           14. The first and second box blanks of claim  
10 wherein:

              said top edge of one of the side wall  
panels comprises a plurality of top edge portions  
and said lower edge of one of the cover side flaps  
10       comprises a plurality of lower edge portions,  
wherein:

              said plurality of top edge portions  
comprises a portion disposed parallel and a portion  
15       disposed non-parallel to the side wall fold line of  
said side wall panel, and

              said plurality of lower edge portions  
comprises a portion disposed parallel and a portion  
20       disposed non-parallel to the cover side flap fold  
line of said cover side flap.

              15. The first and second box blanks of claim  
10, wherein in each of the blanks:

25           each of said left and right corner  
panels has a tab-like projection at the front end  
edge and said cover has first and second tab  
engaging means.

30           16. A blank for a box having unique cover  
side flaps, said blank being of foldable material  
cut and scored to define:

a bottom panel,

a rear wall attached to said bottom panel and having a predetermined height,

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opposing left and right side wall structures comprising respective left and right side wall panels attached to said bottom panel at respective left and right side wall fold lines and each having a free rear end and a predetermined height, respective left and right corner panels attached to a front end of said left and right side wall panels and each having a front end edge and a bottom edge, and respective left and right connector panels attached to the bottom edge of said left and right corner panels,

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a front wall structure opposing said rear wall and comprising a front wall attached to said bottom panel at a front wall fold line, and

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a cover comprising a cover panel attached to said rear wall and opposing left and right cover side flap structures comprising respective left and right cover side flaps attached to said cover panel at respective left and right cover side flap fold lines and each having a lower edge and a predetermined minimum height and respective free-swinging left and right corner flaps attached to a rear end of said left and right cover side flaps at respective left and right corner flap fold lines and each having a lower edge;



wherein the predetermined minimum height of at least one of the left and right cover side flaps is substantially less than the predetermined maximum height of at least one of the rear wall and the left and right side wall panels and at least a portion of the lower edge of said left and right corner flaps is disposed in non-alignment to a substantial portion of the lower edge of said left and right cover side flaps, respectively.

17. The blank of claim 16 wherein:

at least a portion of the top edge of each of said side wall panels is disposed non-parallel to the side wall fold line of the side wall panel.

18. The blank of claim 16 wherein:

at least a portion of the lower edge of each of said cover side flaps is disposed non-parallel to the cover side flap fold line of the cover side flap.

19. The blank of claim 16 wherein:

the top edge of each of said side wall panels comprises a plurality of top edge portions and the lower edge of each of said cover side flaps comprises a plurality of lower edge portions.

20. The blank of claim 16 wherein:

the top edge of each of said side wall panels comprises a plurality of top edge portions and the lower edge of each of said cover side flaps comprises a plurality of lower edge portions, wherein:

said plurality of top edge portions comprises a portion disposed parallel and a portion disposed non-parallel to the side wall fold line of said side wall panel, and

said plurality of lower edge portions comprises a portion disposed parallel and a portion disposed non-parallel to the cover side flap fold line of said cover side flap.

21. The blank of claim 16 wherein:

each of said left and right corner panels has a tab-like projection at the front end edge and said cover has first and second tab engaging means.

22. The blank of claim 16 wherein:

said cover further comprises a cover front flap having a predetermined height and said front wall has a predetermined height, the predetermined height of said cover front flap being substantially less than the predetermined height of said front wall.